

08-01-94 VACATION - 8.5 hours.

08-02-94 Worked on the AutoSplit system software. Worked on the zero torque at the flywheel algorithm to allow easy lever movements to neutral.

08-03-94 Worked on the AutoSplit system software. Worked on the zero torque at the flywheel algorithm to allow easy lever movements to neutral.

08-04-94 Worked on the AutoShift system software. Worked on making the neutral/gear sensing algorithm gear ratio dependent.

08-05-94 Worked on the AutoSplit system software.

08-08-94 Worked on the AutoSplit system software. Went for a expressway ride, found that the sync-cancel throttle control stuff is not working. Took data for us to analyze.

08-09-94 Attended an all day Advanced Windows class.

08-10-94 Worked on the AutoSplit truck. Added an ignition ON/OFF switch by the ECU so that we could power down the ECU while the truck is still running. Also worked on sync-cancel throttle control software. I think we fixed it.

08-11-94 Worked on AutoSplit truck software. Studied why the engine seems to burble when held in the sync mode (and in neutral). From what we can monitor; the engine is doing it and not us.

08-12-94 Worked on AutoSplit truck software. Took Dan Smedley for a demo ride. Things went well enough.

08-15-94 Worked on the AutoSplit truck software.

08-16-94 Worked on the AutoSplit truck software.

08-17-94 Worked on the AutoSplit truck software.

08-18-94 Worked on the AutoSplit truck software.

08-19-94 Worked on the AutoSplit truck software.

08-20-94 PERSONAL > Took first two of four dives to get my open water scuba certification.

08-21-94 PERSONAL > Took last two of four dives to get my open water scuba certification.

08-22-94 Worked on the AutoSplit truck software.

08-23-94 Took Jim McRynolds (sp) for an AutoSplit demo ride. He liked it alot!

08-24-94 Warren Dedow came out for a test drive of the AutoSplit vehicle. He like it alot.

08-25-94 VACATION 2.5 HOURS. Spent the rest of the time at home working on the dash mounted gear display and/or going to work on my vacation day to fix the electronics in the AutoSplit truck after Tom played around.

08-26-94 VACATION 6.0 HOURS.

08-29-94 Drove with Tom & JD in the AutoSplit truck on a three day road trip.

08-30-94 Drove with Tom & JD in the AutoSplit truck on a three day road trip.

08-31-94 Drove with Tom & JD in the AutoSplit truck on a three day road trip.

09-01-94 Continued working on low vehicle speed problems in the AutoSplit truck. Made some good progress in the last few days.

09-02-94 Continued working on low vehicle speed problems in the AutoSplit truck.

09-04-94 Saturday - Worked 2 extras hour on the dash mounted gear display.

09-04-94 Sunday - Worked 1 extra hour on the dash mounted gear display.

09-05-94 Holiday. Worked 6 extra hours on the dash mounted gear display at home.

09-06-94 Worked on AutoSplit items that occur when the driver does something incorrectly, such as move the lever during a splitter only shift.

09-07-94 Continued to yesterdays efforts. Worked two extra hours at home on the dash mounted gear display.

09-08-94 Installed the dash mounted display in the AutoSplit concept truck.

09-09-94 Worked on AutoSplit bugs.

09-12-94 Took the AutoSplit truck to Marshall for an engineering demo. Attendees included Brian Coe, B. Vincent, J. Steeby, W. Dedow, D. Janecke, M. Lanting, E. Handley.

09-13-94 Continued to work on AutoSplit bugs.

09-14-94 Continued to work on AutoSplit bugs.

09-15-94 Continued to work on AutoSplit bugs.

09-16-94 Continued to work on AutoSplit bugs.

09-19-94 Went to Galesburg to drop off the AutoSplit concept vehicle. Also attended a meeting with Al Stine on a new transmission concept. Also attended G. Organek's ball ramp inertia brake meeting.

09-20-94 Started cleaning up my AutoSplit files, (deleting and ZIP stuff). Also started the final listings book for Tom Genise.

PERSONAL> Dr. Misch, Tuesday 5:00 P.M.

01-02-95 Holiday  
 01-03-95 Worked on the R-747 program.  
 01-04-95 Worked on the R-747 program.  
 01-05-95 Worked on the R-747 program.  
 01-06-95 Worked on the R-747 program.

01-09-95 Worked on the R-747 program.  
 01-10-95 Worked on the R-747 program.  
 01-11-95 Went to Marshall and Galesburg for AutoSplit and R-747. Worked from 6:30 am to 9:00 pm.  
 01-12-95 Worked on the R-747 program. Took two hours off as comp time.  
 01-13-95 Worked on the R-747 program. Took two hours off as comp time.  
 01-14-95 PERSONAL > Brenda @ 10:45 P.M.

01-16-95 SICK 8.5 hours  
 01-17-95 SICK 1.5 hours. Worked on R-747 program. Had to leave early to pick of an ill Tiffany but made up for it by coming back later and collecting the test chamber data.  
 01-18-95 Finished collecting the test chamber data for the neutralizing piston and plotted the data, (piston02.wq1).  
 01-19-95 Rewrote the code to utilize the neutralizing piston. Also started stripping unused code from the software in preparation for transferring it to TCONA.  
 01-20-95 Started debugging the neutralizing piston code in the vehicle.  
 01-21-95 SAT. Worked a full day on the neutralizing piston software.

01-23-95 Worked on the neutralizing piston software.  
 01-24-95 Worked on the neutralizing piston software.  
 01-25-95 TCONA - delivered the truck and did a tech transfer.  
 01-26-95 TCONA - finished the tech transfer.  
 01-27-95 Group meeting today. (Charged the day to R-747)(see 02-03-95)

01-30-95 Attended a software training class.  
 01-31-95 Attended a software training class.  
 02-01-95 Attended a software training class.  
 PERSONAL > Dr. Misch - cleaning - 7:30 P.M.  
 02-02-95 Attended a software training class.  
 02-03-95 Took day off as R-747 comp time. (Charged day to Dan)(see 01-27-95)

02-06-95 Started new work for Smedley - gathering engine manufacturer data. Also started Greg's PWM software task by calling Don Rozsi and setting up a meeting for Thursday of this week. Dan has also given me the task of learning the PCMCIA CAN card. Barry Hogans continues to work on my "pocket programmer".  
 02-07-95 Worked on talking to engine manufacturers for J1939 info.  
 02-08-95 Worked on talking to engine manufacturers for J1939 info. Started pulling together stuff for Greg's PWM software. Talked to Arden, Joes, Mark Leonard about solenoid driver spec's.  
 PERSONAL > Started another root canal with Dr. Misch.  
 02-09-95 Went to Galesburg to get AutoSelect software and hardware from Don Rozsi.  
 02-10-95 Did follow up calls to the engine manufacturers for Dan.

02-13-95 Worked on Greg's ball ramp software setup. Got all of the AutoSelect base software to compile and link.  
 02-14-95 Worked on Greg's ball ramp software setup. Worked on the test setup.  
 02-15-95 Worked on Greg's ball ramp software setup. Finally got the setup to do a software download and got PANEL working. Yippeell  
 02-16-95 Cleaned up the mess from the last three days and started working on some VISIO drawings for Tom's Automation Alternatives project.  
 02-17-95 Continued working on the VISIO drawing for Tom.

02-20-95 Finished the VISIO drawings for Tom.  
 Added the two wires for the ball ramp inertia brake to the AutoSelect wire harness on the silver concept vehicle.  
 02-21-95 Worked on the ball ramp inertia brake. Hooked up the high current coil to the PWM test box to get current vs. freq. vs duty cycle.  
 02-22-95 Attended an all day Microsoft EXCEL course.  
 02-23-95 Started writing PWM control code for the AutoSelect.  
 02-24-95 Continued with the PWM AutoSelect control code.

02-27-95 Continued with the PWM AutoSelect control code. Broke the code into more managable functions. Added pwm\_trigger code that would be used in the truck.  
 02-28-95 Continued with the PWM AutoSelect control code.  
 03-01-95 Continued with the PWM AutoSelect control code.  
 03-02-95 SICK - 8.5 hours.  
 03-03-95 Continued with the PWM AutoSelect control code.